

WEST Search History

DATE: Monday, April 15, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i>			
L4	L3 and 11	0	L4
L3	corynebacterium or coryneform	8700	L3
L2	L1 and coryne\$	0	L2
L1	\$phosphogluconolactonase or \$phosphoglucolactonase	18	L1

END OF SEARCH HISTORY

5426034 - from Leuconostoc bacteria
JP document? no seq

09/602740
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 08:36:01 ON 15 APR 2002
L1 51 S ?PHOSPHOGLUCONOLACTONASE OR ?PHOSPHOGLUCOLACTONASE
L2 1 S L1 AND CORYNE?

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN 2001:676795 CAPLUS
TI *Corynebacterium glutamicum* genes encoding metabolic pathway
proteins
IN Pompejus, Markus; Kroeger, Burkhard; Schroeder, Hartwig; Zelder, Oskar;
Haberhauer, Gregor; Kim, Jun-Won; Lee, Heung-Shick; Hwang, Byung-Joon
SO PCT Int. Appl., 316 pp.
PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2001066573 A2 20010913 WO 2000-IB2035 20001222
PRAI US 2000-187970P P 20000309
US 2000-606740 A 20000623

=> d his

FILE 'CAPLUS' ENTERED AT 08:38:57 ON 15 APR 2002
L1 51 S ?PHOSPHOGLUCONOLACTONASE
L2 6 S L1 AND BACTER?
L3 45 S L1 AND PD<2001
L4 5 S L3 AND ?BACTER?
L5 40 S L3 NOT ?BACTER?
L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2002 ACS
AN 2000:231967 CAPLUS
TI Functional analysis of gapped microbial genomes: amino acid metabolism of
Thiobacillus ferrooxidans
AU Selkov, Evgeni; Overbeek, Ross; Kogan, Yakov; Chu, Lien; Vonstein,
Veronika; Holmes, David; Silver, Simon; Haselkorn, Robert; Fonstein,
Michael
SO Proceedings of the National Academy of Sciences of the United States of
America (2000), 97(7), 3509-3514
L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2002 ACS
AN 1999:641509 CAPLUS
TI Identification of the cDNA encoding **human** 6-
phosphogluconolactonase, the enzyme catalyzing the second step of
the pentose phosphate pathway
AU Collard, F.; Collet, J.-F.; Gerin, I.; Veiga-da-Cunha, M.; Van
Schaftingen, E.
SO FEBS Letters (1999), 459(2), 223-226
L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2002 ACS
AN 1992:37633 CAPLUS
TI Evidence for a pentose phosphate pathway in ***Helicobacter pylori***
AU Mendz, George L.; Hazell, Stuart L.
SO FEMS Microbiol. Lett. (1991), 84(3), 331-6

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2002 ACS
AN 1966:85938 CAPLUS
TI The 6-phosphogluconolactonase in **Pseudomonas fluorescens**
AU Iwasaki, K.
SO Seikagaku (1965), 37(11), 788-93

L5 ANSWER 2 OF 40 CAPLUS COPYRIGHT 2002 ACS
AN 2000:646673 CAPLUS
TI Molecular characterization of the first two enzymes of the pentose-phosphate pathway of **Trypanosoma brucei**. Glucose-6-phosphate dehydrogenase and 6-phosphogluconolactonase
AU Duffieux, Francis; Van Roy, Joris; Michels, Paul A. M.; Opperdoes, Fred R.
SO Journal of Biological Chemistry (2000), 275(36), 27559-27565

L5 ANSWER 4 OF 40 CAPLUS COPYRIGHT 2002 ACS
AN 2000:458520 CAPLUS
TI The **Pseudomonas aeruginosa** devB/SOL homolog, pgl, is a member of the hex regulon and encodes 6-phosphogluconolactonase
AU Hager, Paul W.; Calfee, M. Worth; Phibbs, Paul V.
SO Journal of Bacteriology (2000), 182(14), 3934-3941

L5 ANSWER 5 OF 40 CAPLUS COPYRIGHT 2002 ACS
AN 2000:23190 CAPLUS
TI Preparation of thermostable 6-phosphogluconolactonase from **Bacillus**
IN Koga, Shinji
SO Jpn. Kokai Tokkyo Koho, 6 pp.

L5 ANSWER 13 OF 40 CAPLUS COPYRIGHT 2002 ACS
AN 1993:3649 CAPLUS
TI Induction of specific enzymes of the oxidative pentose phosphate pathway by glucono-.delta.-lactone in **Saccharomyces cerevisiae**
AU Sinha, Anindya; Maitra, Pabitra K.
SO J. Gen. Microbiol. (1992), 138(9), 1865-73

L5 ANSWER 15 OF 40 CAPLUS COPYRIGHT 2002 ACS
AN 1992:251033 CAPLUS
TI Stable 6-phosphogluconolactonase, its manufacture with **Leuconostoc**, and its use
IN Moellering, Hans; Kresse, Georg-Burkhard
SO Eur. Pat. Appl., 11 pp.

L5 ANSWER 16 OF 40 CAPLUS COPYRIGHT 2002 ACS
AN 1991:627778 CAPLUS
TI A method and reagents for determination of glucose-6-phosphate
IN Nishidate, Kazuyoshi; Suzuki, Yoko; Inaba, Satoshi
SO PCT Int. Appl., 24 pp.

L5 ANSWER 20 OF 40 CAPLUS COPYRIGHT 2002 ACS
AN 1989:91079 CAPLUS
TI Purification of 6-phosphogluconolactonase from **bass** (Dicentrarchus labrax L.) liver
AU Medina-Puerta, M. M.; Gallego-Iniesta, M.; Garrido-Pertierra, A.
SO Biochem. Int. (1988), 17(6), 1011-19

L5 ANSWER 24 OF 40 CAPLUS COPYRIGHT 2002 ACS
AN 1987:402951 CAPLUS
TI 6-Phosphogluconolactonase
AU Hofer, Hans Werner; Bauer, Hans Peter
SO Cell Biochem. Funct. (1987), 5(2), 97-96484

L5 ANSWER 27 OF 40 CAPLUS COPYRIGHT 2002 ACS
AN 1986:47572 CAPLUS
TI 6-Phosphogluconolactonase from **Zymomonas mobilis**. An enzyme of
high catalytic efficiency
AU Scopes, R. K.
SO FEBS Lett. (1985), 193(2), 185-8

L5 ANSWER 31 OF 40 CAPLUS COPYRIGHT 2002 ACS
AN 1983:418576 CAPLUS
TI 6-Phosphogluconolactonase. Purification, properties and
activities in **various tissues**
AU Bauer, Hans Peter; Srihari, Thota; Jochims, Johannes C.; Hofer, Hans
Werner
SO Eur. J. Biochem. (1983), 133(1), 163-8